

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method of manufacturing single-walled carbon nanotubes comprising the steps of:
 - reducing the pressure inside a system to 1.3 Pa or lower;
 - supplying a carboniferous liquid state material comprising a metallic catalyst to raise the pressure inside the system to at least 39.9 kPa;
 - generating arc discharges;
 - supplying the carboniferous liquid state material in discharge plasma created by the arc discharges; and
 - disintegrating or exciting the carboniferous liquid state material to produce the single-walled carbon nanotubes.
2. (Previously Presented) A method of manufacturing single-walled carbon nanotubes according to Claim 1, wherein the carboniferous liquid state material is an organic solvent.
3. (Previously Presented) A method of manufacturing single-walled carbon nanotubes according to Claim 1, wherein the carboniferous liquid state material is any of a petroleum liquid, mineral oil, and fatty acid ester.
- 4-7. (Canceled)
8. (Previously Presented) A method of manufacturing single-walled carbon nanotubes according to claim 1, wherein the metallic catalyst is iron, nickel and/or yttrium.
9. (Previously Presented) A method of manufacturing single-walled carbon nanotubes according to claim 1, wherein the metallic catalyst is yttrium.
10. (Canceled)

11. (Previously Presented) A method of manufacturing single-walled carbon nanotubes according to claim 1, wherein the pressure inside the system is raised to 39.9 kPa to 79.8 kPa.
- 12-14. (Canceled)
15. (New) A method of manufacturing carbon nanotubes comprising the steps of:
reducing the pressure inside a system to 1.3 Pa or lower;
supplying a carboniferous liquid state material to raise the pressure inside the system to at least 39.9 kPa;
generating arc discharges;
supplying the carboniferous liquid state material in discharge plasma created by the arc discharges; and
disintegrating or exciting the carboniferous liquid state material to produce the carbon nanotubes.
16. (New) A method of manufacturing carbon nanotubes according to Claim 15, wherein the carboniferous liquid state material is an organic solvent.
17. (New) A method of manufacturing carbon nanotubes according to Claim 15, wherein the carboniferous liquid state material is any of a petroleum liquid, mineral oil, and fatty acid ester.
18. (New) A method of manufacturing carbon nanotubes according to Claim 15, wherein the arc discharges are generated from tungsten electrodes.
19. (New) A method of manufacturing carbon nanotubes according to Claim 15, wherein the arc discharges are generated by contact arc processing.